

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S10<br>0 | 0    | printer and media and sheet and bend and printing and thuckness   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:07 |
| S10<br>1 | 0    | printer and media and sheet and bend and printing and thuckness and space   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:07 |
| S10<br>2 | 1816 | printer and media and sheet and bend and printing and thickness and space   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:09 |
| S10<br>3 | 1034 | printer and media and sheet and bend and printing and thickness and space and gap                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:09 |
| S10<br>4 | 980  | printer and media and sheet and bend and printing and thickness and space and gap and amount                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:10 |
| S10<br>5 | 703  | printer and media and sheet and bend and printing and thickness and space and gap and roller                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:10 |
| S10<br>6 | 451  | printer and media and sheet and bend and printing and thickness and space and gap and roller and bending            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:10 |
| S10<br>7 | 351  | printer and media and sheet and bend and printing and thickness and space and gap and roller and bending and rotate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:10 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S10<br>8 | 287 | printer and media and sheet and<br>bend and printing and thickness and<br>space and gap and roller and<br>bending and rotate and density | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:10 |
|----------|-----|--|---|----|----|------------------|

## EAST Search History

|          |     |   |                              |    |    |                  |
|----------|-----|---|------------------------------|----|----|------------------|
| S10<br>9 | 408 | ("20020021342"   "20020171727"  <br>"2233955"   "2312310"   "2831562"<br>  "3618934"   "3673960"  <br>"3683396"   "3747918"   "3863912"<br>  "3886862"   "3888582"  <br>"3912068"   "3915281"   "3937454"<br>  "3942785"   "3971956"  <br>"3990560"   "3995730"   "3999749"<br>  "4088215"   "4095686"  <br>"4118264"   "4135808"   "4169674"<br>  "4176941"   "4184780"  <br>"4197563"   "4231562"   "4231567"<br>  "4261661"   "4313124"  <br>"4322160"   "4345262"   "4345751"<br>  "4365889"   "4368474"  <br>"4412738"   "4429333"   "4440492"<br>  "4442769"   "4459600"  <br>"4463359"   "4464681"   "4470349"<br>  "4475128"   "4491851"  <br>"4491854"   "4500195"   "4513299"<br>  "4536077"   "4537521"  <br>"4538896"   "4549826"   "4553033"<br>  "4558333"   "4560292"  <br>"4562485"   "4563706"   "4571636"<br>  "4574316"   "4575267"  <br>"4588280"   "4589651"   "4589652"<br>  "4604161"   "4605970"  <br>"4607941"   "4608577"   "4618138"<br>  "4618248"   "4620807"  <br>"4636058"   "4642661"   "4647184"<br>  "4652153"   "4666284"  <br>"4682188"   "4692777"   "4705413"<br>  "4706125"   "4717274"  <br>"4723129"   "4724330"   "4728963"<br>  "4740796"   "4743974"  <br>"4786041"   "4795282"   "4806977"<br>  "4833724"   "4839730"  <br>"4843338"   "4849788"   "4853255"<br>  "4872026"   "4908655"  <br>"4917512"   "4921240"   "4927277"<br>  "4937460"   "4950905"  <br>"4951067"   "4965612"   "4971468"<br>  "4972211"   "4988226"  <br>"4989985"   "4990004"   "5027162"<br>  "5037079"   "5041846"  <br>"5043741"   "5047652"   "5053822"<br>  "5061095"   "5065169"  <br>"5118208"   "5118209"   "5120145"<br>  "5131765"   "5135316"  <br>"5138178"   "5139339").PN. OR<br>("5146097"   "5168291"   "5172177"<br>  "5172987"   "5182595"  <br>"5193918"   "5203263"   "5204537"<br>  "5210581"   "5226743"  <br>"5228680"   "5243407"   "5250956"<br>  "5257867"   "5274399"  <br>"5280897"   "5281442"   "5291224"<br>  "5303141"   "5307116"  <br>"5309707"   "5316395"   "5327034" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/10/10 15:18 |
|----------|-----|---|------------------------------|----|----|------------------|

## EAST Search History

|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S11<br>0 | 50   | S109 and bend   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:38 |
| S11<br>1 | 647  | 271/188   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 15:40 |
| S11<br>2 | 193  | S111 and bend   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:09 |
| S11<br>3 | 1019 | printer with gap and adjustment                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:10 |
| S11<br>4 | 375  | printer with gap and adjustment<br>and media and sheet          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:10 |
| S11<br>5 | 57   | printer with gap and adjustment<br>and media and sheet and bend | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:29 |
| S11<br>6 | 292  | printer with gap with adjustment                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:30 |
| S11<br>7 | 32   | automatic with printer with gap with<br>adjustment              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:30 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S11<br>8 | 52  | ("20020021342"   "20020171727"  <br>"4176941"   "4231567"   "4620807"<br>  "4786041"   "4908655"  <br>"5172177"   "5182595"   "5210581"<br>  "5228680"   "5250956"  <br>"5291224"   "5307116"   "5309202"<br>  "5342034"   "5351068"  <br>"5442385"   "5455607"   "5479240"<br>  "5527121"   "5568169"  <br>"5580046"   "5619233"   "5659342"<br>  "5678138"   "5751305"  <br>"5801722"   "5808645"   "5812923"<br>  "5853256"   "5873665"  <br>"5874979"   "5940092"   "5980132"<br>  "6000782"   "6034713"  <br>"6045710"   "6048060"   "6050674"<br>  "6074054"   "6113289"  <br>"6173139"   "6290318"   "6293669"<br>  "6334665"   "6663238").PN. OR<br>("6650436"   "6666536"   "6712463"<br>  "6758542"   "6764157"  <br>"6775022"   "6783231").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/10 16:43 |
| S11<br>9 | 20  | "5527123"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:49 |
| S12<br>0 | 391 | 271/258.01  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:49 |
| S12<br>1 | 38  | 271/258.01 and bend   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:52 |
| S12<br>2 | 51  | 271/259 and bend  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:53 |
| S12<br>3 | 36  | 271/242 and bend  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 16:58 |

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|          |        |  |   |    |    |                  |
|----------|--------|--|---|----|----|------------------|
| S12<br>4 | 102    | 400/642 and bend   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:26 |
| S12<br>5 | 6      | "6406110"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:26 |
| S12<br>6 | 25     | ("4652153"   "4927277"   "4990004"<br>  "5131765"   "5135316"  <br>"5257867"   "5456544"   "5468076"<br>  "5489160"   "5608430"  <br>"5610636"   "5696541"   "5751301"<br>  "5815171"   "5821952"  <br>"5854643"   "5872579"   "5887987"<br>  "5975666"   "5980132"  <br>"6015205").PN. OR ("6406110").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/10 17:35 |
| S12<br>7 | 1332   | 347/37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:36 |
| S12<br>8 | 73     | 347/37 and bend  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:37 |
| S12<br>9 | 457386 | printer and gap and value and bend<br>sheet and media  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:38 |
| S13<br>0 | 1536   | printer and gap and value and bend<br>and sheet and media  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:38 |

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|          |      |   |   |    |    |                  |
|----------|------|---|---|----|----|------------------|
| S13<br>1 | 1363 | printer and gap and value and bend<br>and sheet and media and thickness                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:39 |
| S13<br>2 | 835  | printer and gap and value and bend<br>and sheet and media and thickness<br>and bending          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 17:40 |
| S13<br>3 | 546  | printer and gap and value and bend<br>and sheet and media and thickness<br>and bending and head | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 18:26 |
| S13<br>4 | 8    | "5982400"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 18:32 |
| S13<br>5 | 1332 | 347/37  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 18:33 |
| S13<br>6 | 374  | 347/37 and gap  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 18:33 |
| S13<br>7 | 310  | 347/37 and gap and head   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 18:33 |
| S13<br>8 | 137  | 347/37 and gap and head and<br>thickness  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 18:33 |

## EAST Search History

|          |     |  |   |    |    |                  |
|----------|-----|--|---|----|----|------------------|
| S13<br>9 | 117 | 347/37 and gap and head and thickness and sheet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/10 18:34 |
| S14<br>0 | 24  | "4941021"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/11 16:47 |
| S14<br>1 | 11  | "5904350"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/11 17:02 |
| S14<br>2 | 23  | "5415387"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/11 17:07 |
| S14<br>3 | 0   | us20020063384  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/11 17:07 |
| S14<br>4 | 1   | us20020063384a1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/11 17:07 |
| S14<br>5 | 15  | "5775690"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/10/11 17:07 |
| S14<br>6 | 14  | ("20030049046"   "4436404"  <br>"5333728"   "5543909"   "5775690"<br>  "5904350"   "5933697"  <br>"6120019"   "6338481"   "6496660"<br>  "6554216"   "6634634"  <br>"6805347"   "6834853").PN. OR<br>("7063318").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/10/11 17:12 |